

CLAIMS:

1. Food processor (1) containing a base unit (2), which base unit (2) comprises:
- a housing with a housing wall (3) and in which base unit (2) a motor is housed and which base unit (2) comprises a shaft configuration (9) rising from the housing wall (3) and comprising a drive shaft (10) drivable by means of the motor and led through the housing wall (3), and
 - a work container (40), which work container (40) comprises a bottom wall (43) and a hollow-cylindrical extension (44) rising from the bottom wall (43) into the container interior and which work container (40), upon operation of the food processor (1), is supported by means of the housing wall (3) and with its hollow-cylindrical extension (44) at least partially surrounds the shaft configuration (9), and
 - a cover (47) for the work container (40), which cover (47) is placed on the work container (40) during operation of the food processor (1), and
 - retaining means (55) for retaining both the work container (40) on the base unit (2) and the cover (47) on the work container (40), which retaining means (55) comprise a retaining member (56; 70, 71) adjustably held on the cover (47) and adjustable between a retaining position and a release position and a retaining member (57) provided on the base unit (2),
 - and adjusting means (58) for adjusting the retaining member (56; 70, 71) adjustably held on the cover (47) between its retaining position and its release position, which adjusting means (58) are adjustably held on the cover (47),
 - wherein the retaining member (56; 70, 71) adjustably held on the cover (47) is arranged in the region of the inside of the cover (47), and
 - wherein the retaining member (57) provided on the base unit (2) is formed by means of the shaft configuration (9).

2. A food processor (1) as claimed in claim 1, wherein the shaft configuration (9) comprises a bearing sleeve (8, 8A, 8B) held fixedly in the base unit (2), which bearing sleeve at its end facing the cover (47) comprises the retaining member (57) provided on the base unit (2).

3. A food processor (1) as claimed in claim 2, wherein the retaining member (47) provided on the bearing sleeve (8, 8A, 8B) is formed by a groove provided on the bearing sleeve (8, 8A, 8B).

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4. A food processor (1) as claimed in claim 2, wherein an adjustable control pin (30) is accommodated in the bearing sleeve (8, 8A, 8B), which control pin is adjustably guided in the axial direction of the bearing sleeve and is adjustable between a rest position and an active position, and which control pin (30), when the cover (47) is in place on the container (40), is held in its active position by means of a control part (63) accommodated in the cover (47).

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5. A food processor (1) as claimed in claim 4, wherein a controllable driving device (11) is provided for driving the drive shaft (10) of the shaft configuration (9), the driving device being controllable between a transmission mode of operation and an interrupted mode of operation, and, when the cover (47) is in place on the container (40), the driving device (11) is guided into its transmission mode of operation by means of the adjustable control pin (30).

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6. A food processor (1) as claimed in claim 4, wherein a safety switch (36) arranged adjacent to the shaft configuration (9) is provided, which safety switch (36) is switchable between a safety switch position and a release switch position, and wherein, when the cover (47) is in place on the container (40), the safety switch (36) is switched into its release switch position by means of the adjustable control pin (30).

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7. A food processor (1) as claimed in claim 1, wherein two retaining members (70, 71) adjustable in opposite directions to one another are provided on the cover (47) in the region of the inside of the cover.

8. A food processor (1) as claimed in claim 7, wherein the two retaining members (70, 71) adjustable in opposite directions to one another are formed by two slidably held sliding locking members (70, 71).

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9. A food processor (1) as claimed in claim 8, wherein each of the two sliding locking members (70, 71) is biased towards its retaining position by means of at least one spring means (73, 74), and wherein the two sliding locking members (70, 71) and the adjusting means (58, 79, 80) are constructed to adjust the two sliding locking members (70, 71) from their retaining position into their release position.
- 5 71) from their retaining position into their release position.
10. A food processor (1) as claimed in claim 9, wherein the adjusting means (58, 79, 80) comprise a pushbutton (59) which is movable with respect to the cover and by means of which the two sliding locking members (70, 71) are adjustable.